RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _/0/018,045,C_

Source: _1Fwd_

Date Processed by STIC: _1/30/06_

ENTERED

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          RAW SEQUENCE LISTING              DATE: 02/03/2006
          PATENT APPLICATION:  US/10/018,045C    TIME: 10:53:44

          Input Set : N:\Crf4\01302006\J018045D.raw
          Output Set: N:\CRF4\02032006\J018045C.raw

    1 <110> APPLICANT: The University of Melbourne
    2 <120> TITLE OF INVENTION: Small Cyclic Mimics of Brain-Derived Neurotrophic Factor
(BDNF)
    3 <130> FILE REFERENCE: FP12888
C--> 4 <140> CURRENT APPLICATION NUMBER: US/10/018,045C
    5 <141> CURRENT FILING DATE: 2001-12-10
    6 <150> PRIOR APPLICATION NUMBER: AU PQ0848
    7 <151> PRIOR FILING DATE: 1999-06-08
    8 <160> NUMBER OF SEQ ID NOS: 39
    9 <170> SOFTWARE: PatentIn version 3.1
   11 <210> SEQ ID NO: 1
   12 <211> LENGTH: 14
   13 <212> TYPE: PRT
   14 <213> ORGANISM: Artificial Sequence
   15 <220> FEATURE:
   16 <223> OTHER INFORMATION: Sequence derived from amino acid sequence for BDNF
   17 <220> FEATURE:
   18 <221> NAME/KEY: DISULFID
   19 <222> LOCATION: (1)..(14)
   20 <223> OTHER INFORMATION:
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   23       1               5                   10
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   26 <211> LENGTH: 14
   27 <212> TYPE: PRT
   28 <213> ORGANISM: Artificial Sequence
   29 <220> FEATURE:
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   31 <220> FEATURE:
   32 <221> NAME/KEY: DISULFID
   33 <222> LOCATION: (1)..(14)
   34 <223> OTHER INFORMATION:
   35 <220> FEATURE:
   36 <221> NAME/KEY: MOD_RES
   37 <222> LOCATION: (1)..(1)
   38 <223> OTHER INFORMATION: ACETYLATION
W--> 39 <220>
   40 <221> NAME/KEY: MOD_RES
   41 <222> LOCATION: (14)..(14)
   42 <223> OTHER INFORMATION: AMIDATION
   43 <400> SEQUENCE: 2
   44       Cys Glu Lys Val Pro Val Ser Lys Gly Gln Leu Lys Gln Cys
   45       1               5                   10
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P.6

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48 <211> LENGTH: 12
49 <212> TYPE: PRT
50 <213> ORGANISM: Artificial Sequence
51 <220> FEATURE:
52 <223> OTHER INFORMATION: Sequence derived from amino acid sequence for BDNF
53 <400> SEQUENCE: 3
54       Glu Lys Val Pro Val Ser Lys Gly Gln Leu Lys Gln
55       1               5                   10
57 <210> SEQ ID NO: 4
58 <211> LENGTH: 12
59 <212> TYPE: PRT
60 <213> ORGANISM: Artificial Sequence
61 <220> FEATURE:
62 <223> OTHER INFORMATION: Sequence derived from amino acid sequence for BDNF
63 <220> FEATURE:
64 <221> NAME/KEY: DISULFID
65 <222> LOCATION: (1)..(12)
66 <223> OTHER INFORMATION:
67 <400> 4
68       Cys Lys Val Pro Val Ser Lys Gly Gln Leu Lys Cys
69       1               5                   10
71 <210> SEQ ID NO: 5
72 <211> LENGTH: 10
73 <212> TYPE: PRT
74 <213> ORGANISM: Artificial Sequence
75 <220> FEATURE:
76 <223> OTHER INFORMATION: Sequence derived from amino acid sequence for BDNF
77 <220> FEATURE:
78 <221> NAME/KEY: DISULFID
79 <222> LOCATION: (1)..(10)
80 <223> OTHER INFORMATION:
81 <400> 5
82       Cys Val Pro Val Ser Lys Gly Gln Leu Cys
83       1               5                   10
85 <210> SEQ ID NO: 6
86 <211> LENGTH: 8
87 <212> TYPE: PRT
88 <213> ORGANISM: Artificial Sequence
89 <220> FEATURE:
90 <223> OTHER INFORMATION: Sequence derived from amino acid sequence for BDNF
91 <220> FEATURE:
92 <221> NAME/KEY: DISULFID
93 <222> LOCATION: (1)..(8)
94 <223> OTHER INFORMATION:
95 <400> 6
96       Cys Pro Val Ser Lys Gly Gln Cys
97       1               5
99 <210> SEQ ID NO: 7
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W--> appears at lines 67, 81, 95

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        101 <212> TYPE: PRT
        102 <213> ORGANISM: Artificial Sequence
        103 <220> FEATURE:
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        105 <220> FEATURE:
        106 <221> NAME/KEY: DISULFID
        107 <222> LOCATION: (1)..(14)
        108 <223> OTHER INFORMATION:
W-->    109 <400> 7
        110     Cys Ala Lys Val Pro Val Ser Lys Gly Gln Leu Lys Gln Cys
        111     1               5                   10
        113 <210> SEQ ID NO: 8
        114 <211> LENGTH: 14
        115 <212> TYPE: PRT
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        121 <222> LOCATION: (1)..(14)
        122 <223> OTHER INFORMATION:
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        124     Cys Glu Ala Val Pro Val Ser Lys Gly Gln Leu Lys Gln Cys
        125     1               5                   10
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        128 <211> LENGTH: 14
        129 <212> TYPE: PRT
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        133 <220> FEATURE:
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        135 <222> LOCATION: (1)..(14)
        136 <223> OTHER INFORMATION:
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        139     1               5                   10
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        143 <212> TYPE: PRT
        144 <213> ORGANISM: Artificial Sequence
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        148 <221> NAME/KEY: DISULFID
        149 <222> LOCATION: (1)..(14)
        150 <223> OTHER INFORMATION:
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RAW SEQUENCE LISTING   DATE: 02/03/2006
PATENT APPLICATION: US/10/018,045C   TIME: 10:53:44

Input Set : N:\Crf4\01302006\J018045D.raw
Output Set: N:\CRF4\02032006\J018045C.raw

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152          Cys Glu Lys Val Ala Val Ser Lys Gly Gln Leu Lys Gln Cys
153          1               5                   10
155 <210> SEQ ID NO: 11
156 <211> LENGTH: 14
157 <212> TYPE: PRT
158 <213> ORGANISM: Artificial Sequence
159 <220> FEATURE:
160 <223> OTHER INFORMATION: Sequence derived from amino acid sequence for BDNF
161 <220> FEATURE:
162 <221> NAME/KEY: DISULFID
163 <222> LOCATION: (1)..(14)
164 <223> OTHER INFORMATION:
W--> 165 <400> 11
166          Cys Glu Lys Val Pro Ala Ser Lys Gly Gln Leu Lys Gln Cys
167          1               5                   10
169 <210> SEQ ID NO: 12
170 <211> LENGTH: 14
171 <212> TYPE: PRT
172 <213> ORGANISM: Artificial Sequence
173 <220> FEATURE:
174 <223> OTHER INFORMATION: Sequence derived from amino acid sequence for BDNF
175 <220> FEATURE:
176 <221> NAME/KEY: DISULFID
177 <222> LOCATION: (1)..(14)
178 <223> OTHER INFORMATION:
W--> 179 <400> 12
180          Cys Glu Lys Val Pro Val Ala Lys Gly Gln Leu Lys Gln Cys
181          1               5                   10
183 <210> SEQ ID NO: 13
184 <211> LENGTH: 14
185 <212> TYPE: PRT
186 <213> ORGANISM: Artificial Sequence
187 <220> FEATURE:
188 <223> OTHER INFORMATION: Sequence derived from amino acid sequence for BDNF
189 <220> FEATURE:
190 <221> NAME/KEY: DISULFID
191 <222> LOCATION: (1)..(14)
192 <223> OTHER INFORMATION:
W--> 193 <400> 13
194          Cys Glu Lys Val Pro Val Ser Ala Gly Gln Leu Lys Gln Cys
195          1               5                   10
197 <210> SEQ ID NO: 14
198 <211> LENGTH: 14
199 <212> TYPE: PRT
200 <213> ORGANISM: Artificial Sequence
201 <220> FEATURE:
202 <223> OTHER INFORMATION: Sequence derived from amino acid sequence for BDNF
203 <220> FEATURE:
204 <221> NAME/KEY: DISULFID
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  205 <222> LOCATION: (1)..(14)
  206 <223> OTHER INFORMATION:
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  208       Cys Glu Lys Val Pro Val Ser Lys Ala Gln Leu Lys Gln Cys
  209       1               5                   10
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  212 <211> LENGTH: 14
  213 <212> TYPE: PRT
  214 <213> ORGANISM: Artificial Sequence
  215 <220> FEATURE:
  216 <223> OTHER INFORMATION: Sequence derived from amino acid sequence for BDNF
  217 <220> FEATURE:
  218 <221> NAME/KEY: DISULFID
  219 <222> LOCATION: (1)..(14)
  220 <223> OTHER INFORMATION:
W--> 221 <400> 15
  222       Cys Glu Lys Val Pro Val Ser Lys Gly Ala Leu Lys Gln Cys
  223       1               5                   10
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  226 <211> LENGTH: 14
  227 <212> TYPE: PRT
  228 <213> ORGANISM: Artificial Sequence
  229 <220> FEATURE:
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  231 <220> FEATURE:
  232 <221> NAME/KEY: DISULFID
  233 <222> LOCATION: (1)..(14)
  234 <223> OTHER INFORMATION:
W--> 235 <400> 16
  236       Cys Glu Lys Val Pro Val Ser Lys Gly Gln Ala Lys Gln Cys
  237       1               5                   10
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  240 <211> LENGTH: 14
  241 <212> TYPE: PRT
  242 <213> ORGANISM: Artificial Sequence
  243 <220> FEATURE:
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  245 <220> FEATURE:
  246 <221> NAME/KEY: DISULFID
  247 <222> LOCATION: (1)..(14)
  248 <223> OTHER INFORMATION:
W--> 249 <400> 17
  250       Cys Glu Lys Val Pro Val Ser Lys Gly Gln Leu Ala Gln Cys
  251       1               5                   10
  253 <210> SEQ ID NO: 18
  254 <211> LENGTH: 14
  255 <212> TYPE: PRT
  256 <213> ORGANISM: Artificial Sequence
  257 <220> FEATURE:
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 02/03/2006
PATENT APPLICATION: **US/10/018,045C**   TIME: 10:53:45

Input Set : **N:\Crf4\01302006\J018045D.raw**
Output Set: **N:\CRF4\02032006\J018045C.raw**

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:32; Xaa Pos. 1
Seq#:33; Xaa Pos. 1
Seq#:34; Xaa Pos. 1
Seq#:35; Xaa Pos. 1
Seq#:36; Xaa Pos. 2
Seq#:38; Xaa Pos. 1
Seq#:39; Xaa Pos. 1

Invalid Line Length:
The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 2

VERIFICATION SUMMARY   DATE: 02/03/2006
PATENT APPLICATION: **US/10/018,045C**   TIME: 10:53:45

Input Set : **N:\Crf4\01302006\J018045D.raw**
Output Set: **N:\CRF4\02032006\J018045C.raw**

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L:4 M:270 C: Current Application Number differs, Wrong Format
L:21 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:1,Line#:0
L:39 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:2,Line#:0
L:67 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:4,Line#:0
L:81 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:5,Line#:0
L:95 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:6,Line#:0
L:109 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:7,Line#:0
L:123 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:8,Line#:0
L:137 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:9,Line#:0
L:151 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:10,Line#:0
L:165 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:11,Line#:0
L:179 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:12,Line#:0
L:193 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:13,Line#:0
L:207 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:14,Line#:0
L:221 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:15,Line#:0
L:235 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:16,Line#:0
L:249 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:17,Line#:0
L:263 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:18,Line#:0
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L:353 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:23,Line#:0
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L:425 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:27,Line#:0
L:451 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:28,Line#:0
L:477 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:29,Line#:0
L:503 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:30,Line#:0
L:533 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:31,Line#:0
L:560 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0
L:582 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:0
L:596 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:0
L:610 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:0
L:632 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:0
L:672 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:0
L:694 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:0
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